



**RIO18**  
21st World Congress  
of Soil Science

**21 WORLD CONGRESS OF SOIL SCIENCE**  
Sunday 12 – Friday 17 August 2018  
Rio de Janeiro, Brazil

Rio de Janeiro August | 12 - 17

## POSTER SESSION – DIVISION 2

Thursday (Aug, 16)		TOTEN 9	
<b>C2.3.2</b>		Molecular techniques as a useful tool to reveal soil biodiversity and biotechnological potential of microbial genomes	
Schedule	ID	Title	Presenter
13:30 – 13:40	1181	Fish processing effluent discharges influenced chemical properties and microbial diversity in arid soils from Patagonia	Nelda Lila Olivera
13:40 – 13:50	1593	In situ cultivation and 16S rRNA-based identification of rhizobacteria associated with wheat seedlings grown in a Chilean Andisol	Jacqueline Acuña
13:50 – 14:00	3223	Increased enzymatic activity and decreased microbial diversity of rice paddy under a long-term no-tillage soil management system	Filipe Selau Carlos
14:00 – 14:10	1929	Isolation and genetic identification of diazotrophic bacteria in Eucalyptus sp.	Kamila Cabral Mielke
14:10 – 14:20	2989	Land use change and soil moisture alter the methanogenesis process in the Amazon Rainforest	Alexandre Pedrinho
14:20 – 14:30	2405	Metagenomic and metaproteomic analysis to unravel microbe associated processes in ferruginous Canga soils.	Rafael Borges da Silva Valadares
14:30 – 14:40	1388	Microbial soil diversity: real-time quantitative polymerase chain reaction (qPCR) and phospholipid fatty acid profiles (PLFA) from communities in response to sustainable agricultural intensification.	Dannae Lilia Serri
14:40 – 14:50	2004	Phylogenetic analysis of nitrogen fixing bacteria isolated from leguminous tree species	Anita Fernanda dos Santos Teixeira
14:50 – 15:00	2320	Responses of maize to drought stress when inoculated with diazotrophic bacteria and small RNAs regulation	MC Urquiaga
15:00 – 15:10	931	Silvopastoral systems drive soil's total bacteria community.	Victor Lucas Vieira Prudêncio de Araújo



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